

LEARNING TRAILS

AJB SECONDARY

Grade: 9

Date: Week 5 – 26th to 30th September 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الفصل الدراسي الأول</p> <p>LESSON: الدرس الأخير (قصة قصيرة)</p>	<ul style="list-style-type: none"> • حاذى • الطروس • تهديج • متمرغاً 	<ul style="list-style-type: none"> • أن يقرأ الطالب القصة قراءة صحيحة • أن يستخرج الطالب عناصر القصة • أن يوضح الطالب دلالات بعض الجمل • أن يجيب الطالب عن الأسئلة 	<ul style="list-style-type: none"> • بوربوينت • أنشطة صفيية • أسئلة الكتاب المدرسي • الواجب المنزلي (اكتب موضوعاً حول أهمية الحفاظ على اللغة لتقدم المجتمعات وورقيها وكيف أسهم الإستعمار لبعض الدول في تدمير لغتها وثقافتها؟)
<p>ARABIC LANGUAGE _ GENERAL</p> <p>UNIT: الوحدة الأولى</p> <p>LESSON: درس وظيفة الأحلام</p>	<ul style="list-style-type: none"> • يعمل - يحلم • وظيفة - مهنة • يتخرج - يدرس 	<ul style="list-style-type: none"> • أن يقرأ المتعلم الدرس قراءة جهريية صحيحة • أن يتعرف على المفردات الجديدة • أن يوظف المفردات في جمل مفيدة • أن يتحدث عن وظيفة أحلامه 	<ul style="list-style-type: none"> • مناقشة العرض التقديمي • أوراق عمل تراعي الفروق الفردية • الواجب: كتابة فقرة عن وظيفته المستقبلية.
<p>ISLAMIC STUDIES _ ARABS</p> <p>UNIT: 1</p> <p>LESSON: درس الزكاة</p>	<ul style="list-style-type: none"> • الزكاة • النصاب • حولان الحول • عروض التجارة • مصارف الزكاة • المؤلفه قلوبهم 	<ul style="list-style-type: none"> • يوضح مفهوم الزكاة لغة واصطلاحاً • يبين الحكمة من مشروعية الزكاة • يدل على عناية الإسلام بالفقراء والمساكين 	<ul style="list-style-type: none"> • مراجعة البوربوينت للدرس • حل أنشطة الكتاب ومناقشة الطلاب فيها • حل أنشطة الطالب



**ENGLISH GARDEN
NURSERY**



<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 3</p> <p>LESSON: Ayat sura shura</p>	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video embedded • Live Teaching 	<ul style="list-style-type: none"> • Explain the meaning of the ayah • Explain the importance of the theme 	<ul style="list-style-type: none"> • Online quiz • Discussion • Daily life • PPT • Video • Textbook
<p>ENGLISH LANGUAGE</p> <p>UNIT: Reading Comprehension, Article Writing, Listening Comprehension</p> <p>LESSON: reading passage about Cambridge (UK), debate and article writing on traveling during holidays and listening exercise about the Masaai tribe and lions.</p>	<ul style="list-style-type: none"> • Identify relevant information and select correct details about markets in Cambridge a reading passage. Understand how to use the strategies of skimming and scanning to extract details from a reading passage. • Prepare a speech about Cambridge using the answers of the reading comprehension exercise. • Convey information and express opinions effectively • Employ and control a variety of grammatical structures • Compare and contrast two sides of a topic. • Identify relevant information and select correct 	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) • Learning from enquiry • Learning from Practice • Learning from discussion • Learning from collaboration • Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> • Power Point • Power point audio embedded • Power point video embedded • Live Teaching • Session recorded and shared with learners • Task sheets for practice • Discussion tool • Assignment and grading



	<p>details from a range of sources.</p> <ul style="list-style-type: none"> • Understand information and ideas from a range of sources, such as recorded phone messages, announcements, dialogues, interviews and formal talks a variety of voices and accents will be heard in recordings to reflect the various contexts presented. 		
<p>MATHEMATICS</p> <p>UNIT: 2</p> <p>LESSON:</p> <p>Algebra 1</p>	<ul style="list-style-type: none"> • Negative numbers • Directed numbers • Formulae • Brackets and simplifying • Upper and lower bounds 	<ul style="list-style-type: none"> • To use negative numbers in practical situation • To use directed numbers in practical situations • To substitute the numbers for letters in formulae and evaluating the resulting numerical expression • To develop skills in critical thinking, and problem solving • To substitute the numbers for letters in formulae and evaluating the resulting numerical expression • To simplify algebraic expression by multiplying terms and brackets • To simplify algebraic expression by 	<ul style="list-style-type: none"> • PPT • Worksheets • Textbook exercises • Online quiz • Daily Question in Team –Ms Forms

		<p>collecting like terms</p> <ul style="list-style-type: none"> To expand brackets and simplify the resulting algebraic expressions. To give appropriate upper and lower bounds for data given to a specified accuracy. To obtain appropriate upper and lower bounds to solutions of simple problems given data to a specified accuracy. 	
<p>PHYSICS</p> <p>UNIT:</p> <p>MOTION</p> <p>LESSON:</p> <p>ACCELERATION</p>	<ul style="list-style-type: none"> www.physicsclassroom.com/class/1DKin/Lesson-1/Speed-and-Velocity 	<ul style="list-style-type: none"> Define acceleration as change in velocity per unit time; recall and use the equation $a = \frac{v-u}{t}$ Know that a deceleration is a negative acceleration and use this in calculations 	<ul style="list-style-type: none"> PPT VIDEOS ACTIVITY CLASS TEST
<p>CHEMISTRY</p> <p>UNIT: The Periodic Table</p> <p>LESSON: Group I, and II</p>	<ul style="list-style-type: none"> Trends Alkali metals Alkaline Earth metals 	<ul style="list-style-type: none"> Identify trends in groups, given information about the elements Describe the Group I alkali metals, lithium, sodium and potassium, as relatively soft metals with general trends down the group, limited to: <ul style="list-style-type: none"> (a) decreasing melting point (b) increasing density (c) increasing reactivity 	<ul style="list-style-type: none"> Power Point Presentation Video Worksheet Class test Past Paper Questions



		the properties of other elements in Group I, given information about the elements	
<p>BIOLOGY</p> <p>UNIT: 2</p> <p>LESSON: Cell structure and organization</p>	<ul style="list-style-type: none"> • Cell structure • Plant, animal and bacteria. • Organelles and functions • Specialized cells 	<ul style="list-style-type: none"> • Describe and compare the structure of a plant cell with an animal cell, limited to: cell wall, cell membrane, nucleus, cytoplasm, chloroplasts, ribosomes, mitochondria, vacuoles • 2 Describe the structure of a bacterial cell, limited to: cell wall, cell membrane, cytoplasm, ribosomes, circular DNA, plasmids • 3 Identify the cell structures listed in 2.1.1 and 2.1.2 in diagrams and images of plant, animal and bacterial cells • 4 Describe the functions of the structures listed in 2.1.1 and 2.1.2 in plant, animal and bacterial cells • 5 State that new cells are produced by division of existing cells • 6 State that specialised cells have specific functions 	<ul style="list-style-type: none"> • Video • PPT • Worksheet • Mini plenary • Class test • Past papers.

<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: 1</p> <p>LESSON: Types of computer</p>	<ul style="list-style-type: none"> Types of computer Layout and styles of document 	<ul style="list-style-type: none"> Students will be able to differentiate types of computers Will conduct a class test at ICT theory period Able to modify the styles in document 	<ul style="list-style-type: none"> Teams PPTs Video Worksheet
<p>UAE STUDIES_ ARABIC</p> <p>UNIT:</p> <p>LESSON:</p>	<p>الوحدة : الامارات نبض العالم الدرس : دستور دولة الامارات العربية المتحدة الاهمية والاتجاهات</p>	<p>يبين اهمية الدستور والقانون للمجتمع في دولة الامارات العربية المتحدة يبين الاتجاهات العامة للدستور</p>	<ul style="list-style-type: none"> عرض تقديمي • أوراق عمل • أنشطة صفية حل أنشطة الطالب مناقشة المفاهيم
<p>UAE STUDIES – ENGLISH</p> <p>UNIT: 1</p> <p>LESSON:1 THE BRONZE AGE AND UMM AN-NAR</p>	<ul style="list-style-type: none"> The beginning of Bronze age in UAE The change of climate in UAE and its impacts The varieties of crops cultivated in the area 	<ul style="list-style-type: none"> To know about the early life of people in UMM An Nar The reason behind the change in Climate in UAE 	<ul style="list-style-type: none"> PPTS VIDEOS DISCUSSIONS WORKSHEET
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> Production possibility curve Micro and macro economics Different economic systems 	<ul style="list-style-type: none"> Understanding the allocation resources between two goods and services Describing the major difference between macro and micro economics 	<ul style="list-style-type: none"> Structured questions Assessment and feedback

<p>ACCOUNTING</p> <p>UNIT: Double entry book keeping</p> <p>LESSON: Balancing of account and Trial Balance</p>	<ul style="list-style-type: none"> Balancing ledger accounts Trial balance 	<ul style="list-style-type: none"> To balance ledger account to calculate the closing balance To formulate trial balance 	<ul style="list-style-type: none"> Formats Structured questions Assessment and feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON:2</p>	<ul style="list-style-type: none"> Private and public Sector 	<ul style="list-style-type: none"> To understand the meaning of private and public sectors. To differentiate the functioning of private and public sector. 	<ul style="list-style-type: none"> Short Case studies. Short answer questions Progressive tests.
<p>URDU</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> خط نویسی <ul style="list-style-type: none"> مضمون نویسی 	<ul style="list-style-type: none"> رسمی اور غیر رسمی خط لیکھنا مختلف مضامین لیکھنا 	<p>ذہانی سوالات</p> <ul style="list-style-type: none"> کلاس ٹیسٹ کیتاب گوگل
<p>PAKISTAN STUDIES</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> Sir Syed Ahmad Khan The Partition of Bengal 	<ul style="list-style-type: none"> Students will explore beliefs and work of Sir Syed Ahmed Khan Students will identify causes and reactions to the Partition of Bengal 	<ul style="list-style-type: none"> Textbook Notebook Past papers Assessment Sheets PPTs
<p>ENVIRONMENTAL MANAGEMENT</p> <p>UNIT: Population structure</p>	<ul style="list-style-type: none"> Population structure types of population structure 	<ul style="list-style-type: none"> Identify and give reasons for and implications of different types of population structure Candidates should understand how a country's population structure may change as it becomes more economically developed. 	<ul style="list-style-type: none"> Experiential Learning PPTs Assessment Sheets



ENGLISH GARDEN
NURSERY



LESSON:		<ul style="list-style-type: none">• Candidates should know that the life expectancies of males and females are different.	
----------------	--	-----------------------------------------------------------------------------------------------------------------------------------------	--